

Exhibit 5

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
RESEARCH ASSURANCE STATEMENT(S)

OMB Approved 0518-0025
Expires 10/00

STATEMENT OF POLICY - Safeguarding the rights and welfare of subjects at risk and the proper isolation security of research agents in activities supported by Agricultural Research Service is the responsibility of the institution to which support is provided. responsibility, USDA policy requires a formal assurance that appropriate committees in each institution will carry out both initial review of proposals and continuing review of supported projects. The Department also requires certification of such

NOTE: Check appropriate statements, supplying additional information when necessary.

1. INSTITUTION	2. TYPE <input type="checkbox"/> New <input type="checkbox"/> Extension <input type="checkbox"/> Revision 3. ARS PROJECT NUMBER OR AWARD NUMBE (if known)
4. TITLE OF PROJECT	5. PRINCIPAL INVESTIGATOR(S)

A. RECOMBINANT DNA OR RNA RESEARCH

- ☐ Project does not involve recombinant DNA or RNA.
☐ Project involves recombinant DNA or RNA. (Check the applicable statement).
☐ This project has been determined by the local IBC to be exempt from the NIH Guidelines.
☐ This project is under review by the local IBC and a revised Form ARS-411 will be submitted when the review is completed.
☐ This project has been reviewed by an IBC and was approved on _____ (Date).

This institution agrees to assume primary responsibility for complying with both the intent and procedures of the National Institutes of Health's (NIH) "Guidelines for Research Involving Recombinant DNA Molecules," as revised (see subsection 205(b)(3). Subpart U of the "Uniform Federal Assistance Regulations" (7 CFR Part 3015) and other

This responsibility includes:

1. Ensuring that a standing Institutional Biosafety Committee (IBC) reviews proposed projects.
2. Registering with the IBC all experiments involving recombinant DNA and RNA Molecules conducted with the funds pro project/grant and complying with the requirements specified in Part II of the NIH Guidelines or any other pertinent guidel IBC's are required to keep records of this research in a form that is available to the U.S. Department of Agriculture (USDA)

In addition, principal investigators must report the following to the USDA and to their IBC's:

1. New Technical information relating to risks and safety procedures.
2. Serious accidents or releases involving recombinant DNA or RNA.
3. Serious illness of a laboratory worker which may be project related.
4. Other safety problems.

B. ANIMAL CARE

- ☐ Project does not involve use of vertebrate animals.
☐ Project involves use of vertebrate animals. (Check the applicable statement).
☐ a) This project is in compliance with the Animal Welfare Act of 1966 and 9 CFR Subchapter A (Laboratory Ani
☐ b) This project is under review by the Institutional Care and Use Committee and a revised Form ARS-411 will b the review is completed.
☐ c) This project has been approved by the Institutional Animal Care and Use Committee on _____ (Date).

C. PROTECTION OF HUMAN SUBJECTS

- ☐ Project does not involve use of human subjects.
☐ Project involves use of human subjects. (Check the applicable statement).
☐ a) This project includes activities involving human subjects but can in no way be considered at risk. (If this sta the person signing this form must also initial in the space at right.) _____ (Initial)
☐ b) This project is under review by an institutional committee as provided by our assurance and a revised Form be submitted when the review is completed.
☐ c) This project includes activities involving human subjects. Our institutional committee reviewed and approved _____ in accordance with our assurance approved by S&E and/or DHHS. The project will be continuing review as provided for in that assurance.

SIGNATURE OF AUTHORIZED ORGANIZATIONAL REPRESENTATIVE	TITLE	DATE